

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A communication node which is a base station node, comprising:

a first interface unit connected to a first network which is a radio network;  
a second interface unit connected to a second network which is a non-radio network;  
a processing unit configured to voluntarily recognize one communication node on the first network as one of constituent elements that constitute said communication node and to disclose an own configuration information regarding what its constituent elements are to another communication node on the second network through the second interface unit such that said one communication node is recognized as a part of the communication node on the second network by said another communication node on the second network while said one communication node is actually operating on the first network.

Claim 2 (Previously Presented): The communication node of claim 1, wherein the processing unit also discloses existing constituent elements in said one communication node on the first network as sub constituent elements in the constituent elements of said communication node.

Claim 3 (Previously Presented): The communication node of claim 1, wherein the processing unit also detects a first message identifier on the second network which is described in a packet received through the second interface unit, attaches a second message identifier on the first network to the packet at a time of transferring the packet to the first network, stores a correspondence between the first message identifier and the second

message identifier into a correspondence table, and identifies a message identifier on the second network corresponding to one message identifier on the first network which is described in a packet sent from the first network, by referring to the correspondence stored by the correspondence table according to said one message identifier.

Claim 4 (Previously Presented): The communication node of claim 1, wherein the processing unit also has at least one of a function for reserving a network resource on the second network by using a first resource information regarding a network resource reserved on the first network, and a function for reserving a network resource on the first network by using a second resource information regarding a network resource reserved on the second network, and stores a correspondence between the first resource information and the second resource information into a correspondence table.

Claim 5 (Previously Presented): The communication node of claim 1, wherein the processing unit also adds a new configuration information regarding constituent elements in a new communication node to the own configuration information regarding constituent elements in said communication node, when the new communication node is added on the first network and/or deletes an old configuration information regarding constituent elements in an old communication node from the own configuration information regarding constituent elements in said communication node, when the old communication node is deleted from the first network.

Claim 6 (Previously Presented): The communication node of claim 1, wherein the processing unit also notifies to said one communication node on the first network at least a part of the own configuration information regarding constituent elements in said

communication node including constituent elements corresponding to said one communication node or constituent elements in said one communication node, and receives from said one communication node at least a part of another configuration information regarding constituent elements in one other communication node on the second network including constituent elements corresponding to said one communication node or constituent elements in said one communication node, that was notified from said one other communication node to which said one communication node was connected up until then.

Claim 7 (Previously Presented): The communication node of claim 1, wherein the processing unit also notifies to said one communication node on the first network a resource information regarding communication resources on the second network that are exclusively used for communications between said one communication node and one other communication node on the second network to which said one communication node was connected up until then, and receives from said one communication node the resource information, that was notified from said one other communication node.

Claim 8 (Currently Amended): A communication node which is a base station node, comprising:

a first interface unit connected to a first network which is a radio network;

a second interface unit connected to a second network which is a non-radio network;

and

a processing unit having at least one of a function for voluntarily disclosing a first configuration information regarding constituent elements that constitute one communication node on the first network as an own configuration information regarding what its constituent elements are to another communication node on the second network through the second

interface unit such that said one communication node is recognized as a part of the communication node on the second network by said another communication node on the second network while said one communication node is actually operating on the first network, and a function for voluntarily disclosing a second configuration information regarding constituent elements that constitute said another communication node on the second network as the own configuration information regarding what its constituent elements are to said one communication node on the first network through the first interface unit such that said another communication node is recognized as a part of the communication node on the first network by said one communication node on the first network while said another communication node is actually operating on the second network.

Claim 9 (Previously Presented): The communication node of claim 8, wherein the processing unit discloses the first configuration information by defining said one communication node on the first network as one type of constituent elements of said communication node.

Claim 10 (Previously Presented): The communication node of claim 8, further comprising:

a configuration information correspondence memory unit for storing a correspondence between the first configuration information disclosed to the second network as constituent elements corresponding to said one communication node or constituent elements existing in said one communication node, and actual configuration information regarding said one communication node or constituent elements existing in said one communication node; wherein the processing unit also identifies a destination communication node on the first network or a destination constituent element of the destination

communication node on the first network for a packet sent from the second network, by referring to the configuration information correspondence memory unit according to identifiers of constituent elements in said communication node which are disclosed by the processing unit and described in the packet.

Claim 11 (Previously Presented): The communication node of claim 8, wherein the processing unit also detects a first message identifier on the second network which is described in a packet received through the second interface unit, attaches a second message identifier on the first network to the packet at a time of transferring the packet to the first network, stores a correspondence between the first message identifier and the second message identifier into a correspondence table, and identifies a message identifier on the second network corresponding to one message identifier on the first network which is described in a packet sent from the first network, by referring to the correspondence stored by the correspondence table according to said one message identifier.

Claim 12 (Previously Presented): The communication node of claim 8, wherein the processing unit also has at least one of a function for reserving a network resource on the second network by using a first resource information regarding a network resource reserved on the first network, and a function for reserving a network resource on the first network by using a second resource information regarding a network resource reserved on the second network, and stores a correspondence between the first resource information and the second resource information into a correspondence table.

Claim 13 (Previously Presented): The communication node of claim 8, wherein the processing unit also adds a new configuration information regarding constituent elements in a

new communication node to the own configuration information regarding constituent elements in said communication node, when the new communication node is added on the first network, and/or deletes an old configuration information regarding constituent elements in an old communication node from the own configuration information regarding constituent elements in said communication node, when the old communication node is deleted from the first network.

Claim 14 (Previously Presented): The communication node of claim 8, wherein the processing unit also notifies to said one communication node on the first network at least a part of the own configuration information regarding constituent elements in said communication node including constituent elements corresponding to said one communication node or constituent elements in said one communication node, and receives from said one communication node at least a part of another configuration information regarding constituent elements in one other communication node on the second network including constituent elements corresponding to said one communication node or constituent elements in said one communication node, that was notified from said one other communication node to which said one communication node was connected up until then.

Claim 15 (Previously Presented): The communication node of claim 8, wherein the processing unit also notifies to said one communication node on the first network a resource information regarding communication resources on the second network that are exclusively used for communications between said one communication node and one other communication node on the second network to which said one communication node was connected up until then, and receives from said one communication node the resource information, that was notified from said one other communication node.

Claim 16 (Currently Amended): A communication node which is a base station node, comprising:

a first interface unit connected to a first network which is a radio network;

a second interface unit connected to a second network which is a non-radio network;

a processing unit configured to carry out packet input/output processing according to a protocol of the second network, and transfer data to be exchanged at an interface between the processing unit and an application executed on another communication node on the second network, through the first interface unit, on behalf of the application executed on said another communication node on the second network, so as to handle one communication node connected through the first interface unit as if said one communication node is connected to the second network while said one communication node is actually operating on the first network.

Claim 17 (Previously Presented): The communication node of claim 16, wherein the processing unit also detects a first message identifier on the second network which is described in a packet received through the second interface unit, attaches a second message identifier on the first network to the packet at a time of transferring the packet to the first network, stores a correspondence between the first message identifier and the second message identifier into a correspondence table, and identifies a message identifier on the second network corresponding to one message identifier on the first network which is described in a packet sent from the first network, by referring to the correspondence stored by the correspondence table according to said one message identifier.

Claim 18 (Previously Presented): The communication node of claim 16, wherein the processing unit also has at least one of a function for reserving a network resource on the second network by using a first resource information regarding a network resource reserved on the first network, and a function for reserving a network resource on the first network by using a second resource information regarding a network resource reserved on the second network, and stores a correspondence between the first resource information and the second resource information into a correspondence table.

Claim 19 (Currently Amended): A communication terminal which is a radio terminal, comprising:

an interface unit connected to a first network which is a radio network;

a processing unit configured to make a connection to a first communication node on the first network through the interface unit, communicate with a second communication node on a second network which is a non-radio network different from the first network, through the first communication node, disclose functions in said communication terminal as Sub Units in an AV/C (Audio/Visual Control) protocol executed on an IEEE 1394 bus such that functions in said communication terminal are recognized as Sub Units on the IEEE 1394 bus by the second communication node on the second network while said communication terminal is actually operating on the first network, and receive at least a part of information regarding Sub Units existing in the second communication node.

Claim 20 (Previously Presented): The communication terminal of claim 19, wherein the processing unit also receives at least a part of a configuration information regarding constituent elements existing in the first communication node including a constituent element corresponding to said communication terminal, which is notified from the first



communication node in order for the first communication node to handle said communication terminal as one of constituent elements existing in the first communication node, stores at least a part of received configuration information into a memory, and notifies at least a part of the configuration information stored in the memory to a third communication node on the second network to which said communication terminal is newly connected.

Claim 21 (Previously Presented): The communication terminal of claim 19, wherein the processing unit also receives a communication resource information regarding communication resources on the second network which are exclusively used for communications between said communication terminal and the second communication node, which is notified from the first communication node, stores at least a part of received communication resource information into a memory, and notifies the communication resource information stored in the memory to a third communication node on the second network to which said communication terminal is newly connected.

Claim 22 (Currently Amended): A communication terminal which is a radio terminal, comprising:

an interface unit connected to a first network which is a radio network;

a processing unit configured to make a connection to a first communication node on the first network through the interface unit, and communicate with a second communication node on a second network which is a non-radio network different from the first network, through the first communication node; and

an application execution unit configured to execute an application on the second network which is to be executed in the second communication node, such that the communication terminal can communicate with the second communication node of the

second network as if the communication terminal is connected to the second network while the communication terminal is actually operating on the first network.

Claim 23 (Previously Presented): The communication terminal of claim 22, wherein the processing unit also receives at least a part of a configuration information regarding constituent elements existing in the first communication node including a constituent element corresponding to said communication terminal, which is notified from the first communication node in order for the first communication node to handle said communication terminal as one of constituent elements existing in the first communication node, stores at least a part of received configuration information into a memory, and notifies at least a part of the configuration information stored in the memory to a third communication node on the second network to which said communication terminal is newly connected.

Claim 24 (Previously Presented): The communication terminal of claim 22, wherein the processing unit also receives a communication resource information regarding communication resources on the second network which are exclusively used for communications between said communication terminal and the second communication node, which is notified from the first communication node, stores at least a part of received communication resource information into a memory, and notifies the communication resource information stored in the memory to a third communication node on the second network to which said communication terminal is newly connected.